

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A lamp comprising:
a lamp vessel—~~(101)~~,
an incandescent body ~~(102)~~—arranged in the lamp vessel,~~and~~
current supply conductors ~~(103)~~—connected to the incandescent
body, said incandescent body being intended configured to emit a
radiation spectrum comprising a visible portion and an infrared
portion, ~~the lamp comprising~~
an outer envelope ~~(104)~~—around said lamp vessel, said outer
envelope comprising a reflective film ~~(111)~~ fully coating said
outer envelope, said reflective film being adapted to transmit a
first part of the visible portion and a second part of the infrared
portion, said second part being greater than said first part, and
a cap having one section for supporting the outer envelope.

2. (Currently Amended) A—The lamp as claimed in claim 1,

wherein the first part is inferior to 30 per cent and the second part is superior to 80 per cent.

3. (Currently Amended) ~~A~~ The lamp as claimed in claim 1,
wherein the lamp vessel comprises a reflective layer (300)
deposited on a first part of said vessel and not deposited on a
second part of said vessel.

4. (Currently Amended) ~~A double ended~~ The lamp as claimed in
claim 1, said lamp comprising a cap (105) at each end of the lamp
vessel, the outer envelope being supported coaxially to the lamp
vessel by means of two shells (106), each shell having a part
extending inside a cap and a part designed for supporting an end of
the outer envelope.

5. (Currently Amended) ~~A double ended~~ The lamp as claimed in
claim 1, said lamp comprising a cap (105) at each end of the lamp
vessel, said cap comprising a first section for receiving an end of
the lamp vessel and a second section for supporting the outer
envelope.

6. (New) the lamp of claim 1, wherein the outer envelope and the cap fully encapsulate the lamp vessel.

7. (New) A lamp comprising:

a lamp vessel;

an incandescent body arranged in the lamp vessel and configured to emit a radiation spectrum comprising a visible portion and an infrared portion;

an outer envelope located around said lamp vessel; and

a cap having one section for supporting the outer envelope;

wherein said outer envelope comprises a reflective film fully coating said outer envelope, said reflective film being adapted to transmit a first part of the visible portion and a second part of the infrared portion, said second part being greater than said first part.

8. (New) the lamp of claim 7, wherein the outer envelope and the cap fully encapsulate the lamp vessel.

9. (New) The lamp of claim 7, wherein the cap has another section for receiving an end of the lamp vessel.

10. (New) The lamp of claim 7, wherein a first part of said vessel is coated with a reflective layer and a second part of said vessel is not coated with the further reflective layer.

11. (New) The lamp of claim 7, further comprising a reflective layer that partially covers said vessel to form a focussing reflector configured to direct light from the lamp.

12. (New) A method of forming a lamp comprising the acts of:
forming a lamp vessel;
forming an incandescent body arranged in the lamp vessel and configured to emit a radiation spectrum comprising a visible portion and an infrared portion;
forming an outer envelope located around said lamp vessel; and connecting a cap to the outer envelope;
wherein said outer envelope comprises a reflective film fully coating said outer envelope, said reflective film being adapted to transmit a first part of the visible portion and a second part of the infrared portion, said second part being greater than said first part.

13. (New) The method of claim 12, wherein the act of forming the outer envelope comprises the acts of:

forming a tube having a tube length, the tube length being longer than an envelope length of the outer envelope;

forming the reflective film over an entire surface of at least one of an inner surface and an outer surface of the tube to form a coated tube; and

cutting the coated tube to obtain the outer envelope.

14. (New) The method of claim 12, wherein the act of connecting the cap comprises the acts of:

inserting one end of the envelope into a shell; and
inserting the shell in the cap.

15. (New) The method of claim 12, wherein the act of connecting the cap fully encapsulates the lamp vessel with the outer envelope and the cap.